

SR 520 Bridge Replacement and HOV Project EIS Alternatives Summary

October 28, 2003

Alternative

	I-5	Roanoke Park/ Portage Bay	Montlake Cut	Montlake I/C	Bike/Ped Lane	HOV Lanes	Floating Bridge & Approaches	Evergreen Point- Bellevue Way	Bellevue Way/ 108th	I-405	124th-W Lake Sammamish Pkwy	Flexible Trans- portation Plan
4-Lane \$1.5 – \$1.9 billion 2 General Purpose Lanes, Each Direction	<ul style="list-style-type: none">Build HOV/transit ramp from west-bound SR 520 to the southbound I-5 express lanes. Ramp serves the westbound, morning commute only	<ul style="list-style-type: none">Rebuild Portage Bay bridge with 5 to 6 lanes and full shoulders	<ul style="list-style-type: none">No change to Montlake Blvd at Montlake Bridge	<ul style="list-style-type: none">Rebuild with 4 lanes and full shoulders under Montlake BlvdRebuild interchange ramps and Montlake Blvd over SR 520Rebuild flyer stops on the outsideAdd signal at westbound ramp terminus	<ul style="list-style-type: none">Build continuous bike/ped lane from Montlake Blvd across the lake to vicinity of 96th Ave NE and NE Points Dr	<ul style="list-style-type: none">Rebuild west-bound HOV lanes with full shoulders from 108th to 76th	<ul style="list-style-type: none">Rebuild floating bridge and approaches with 4 lanes and full shouldersOption to build pontoons to allow future high capacity transit	<ul style="list-style-type: none">Rebuild with 4 lanes and full shouldersOption for toll plaza	<ul style="list-style-type: none">No change to the existing facility	<ul style="list-style-type: none">No change to the existing facility	<ul style="list-style-type: none">No change to the existing facility	<ul style="list-style-type: none">Funding for vanpools, public information, education and promotion programs, employer-based programs, and land use as demand management
6-Lane \$2.1 – \$2.5 billion* 2 General Purpose Lanes and 1 HOV Lane, Each Direction <small>* Items in bold are not included in CEVP cost estimation.</small>	<ul style="list-style-type: none">Build reversible HOV/transit ramp between SR 520 and I-5 express lanes. Ramp serves westbound SR 520 traffic during the morning and eastbound SR 520 traffic in the afternoon	<ul style="list-style-type: none">Build lid over SR 520 from 10th Ave to Delmar StRebuild Portage Bay Bridge with 6 to 9 lanes and full shouldersIncludes HOV lanes from Montlake Blvd to I-5	<ul style="list-style-type: none">No change to Montlake Blvd at Montlake Bridge	<ul style="list-style-type: none">Rebuild with 6 lanes and full shoulders under Montlake BlvdRebuild interchange ramps and Montlake Blvd over SR 520Add signal at westbound ramp terminusBuild lid over SR 520Build inline transit stops on the inside	<ul style="list-style-type: none">Build continuous bike/ped lane from Montlake Blvd across the lake to vicinity of 96th Ave NE and NE Points Dr	<ul style="list-style-type: none">Build inside HOV lanes westbound and eastbound from I-5 to 108thRestripe HOV lanes to inside from 108th to W Lake Sammamish Pkwy	<ul style="list-style-type: none">Rebuild floating bridge and approaches with 6 lanes and full shouldersBuild pontoons to allow future high capacity transit	<ul style="list-style-type: none">Rebuild with 6 lanes and full shouldersBuild lids at 76th, 84th, and 92ndRebuild flyer stops on inside at 76th and 92ndOption for toll plaza	<ul style="list-style-type: none">Rebuild interchange ramps and Bellevue Way over SR 520Connect to existing 6 lanes at 108th	<ul style="list-style-type: none">Restripe HOV lanes to inside 108th to W Lake Sammamish PkwyOther necessary changes being evaluated	<ul style="list-style-type: none">Restripe HOV lanes to inside 108th to W Lake Samm Parkway	<ul style="list-style-type: none">Funding for vanpools, public information, education and promotion programs, employer-based programs, and land use as demand management
8-Lane \$2.9 – \$3.4 billion* 3 General Purpose Lanes and 1 HOV Lane, Each Direction <small>* Items in bold are not included in CEVP cost estimation.</small>	<ul style="list-style-type: none">Build reversible HOV/transit ramp between SR 520 and the I-5 express lanes. Ramp serves westbound SR 520 traffic during the morning and eastbound SR 520 traffic in the afternoonI-5/SR 520 interchange and I-5 improvements being evaluated	<ul style="list-style-type: none">Build lid over SR 520 from 10th Ave to Delmar StRebuild Portage Bay bridge with 9 lanes and full shoulders	<ul style="list-style-type: none">No change to Montlake Blvd at Montlake BridgeBuild tunnel under Montlake Cut from Lake Washington Blvd to Pacific St with grade-separated intersection at Pacific & Montlake	<ul style="list-style-type: none">Rebuild with 6 lanes and full shoulders under Montlake BlvdRebuild interchange ramps and Montlake Blvd over SR 520 and westbound off-rampAdd signal at westbound ramp terminusBuild lid over SR 520Build inline transit stops on the inside	<ul style="list-style-type: none">Build continuous bike/ped lane from Montlake Blvd across the lake to vicinity of 96th Ave NE and NE Points Dr	<ul style="list-style-type: none">Build inside HOV lanes westbound and eastbound from I-5 to 108thChange as necessary to accommodate 8 lanes east of Bellevue WayRestripe HOV lanes to inside to W Lake Sammamish Pkwy	<ul style="list-style-type: none">Rebuild floating bridge and approaches with 8 lanes and full shouldersBuild pontoons to allow future high capacity transit	<ul style="list-style-type: none">Rebuild with 8 lanes and full shouldersBuild lids at 76th, 84th, and 92ndRebuild flyer stops on inside at 76th and 92ndOption for toll plaza	<ul style="list-style-type: none">Rebuild interchange ramps and Bellevue Way over SR 520Change as necessary to accommodate 8 lanes	<ul style="list-style-type: none">Change as necessary to accommodate 8 lanes east of Bellevue Way	<ul style="list-style-type: none">Change as necessary to accommodate 8 lanes east of Bellevue Way	<ul style="list-style-type: none">Funding for vanpools, public information, education and promotion programs, employer-based programs, and land use as demand management